

ABSTRACT

A high efficiency, high brightness instrument pointer illuminating apparatus includes a gage motor with a gage motor shaft extending therefrom, an instrument pointer mounted on the gage motor shaft and a plurality of light sources positioned radially around the gage motor shaft to supply light upward into the instrument pointer, wherein the instrument pointer includes a needle portion and a light reflecting portion that is flared outward from the needle portion and has a first reflective surface presenting an internally reflective surface adapted to reflect light received from the light sources outward into the needle portion at any angular position of the needle portion.